

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|---------|------------------|
| S1 | 154 | (us\$3 near3 transmit\$4) near3 (determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller") | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 06:53 |
| S2 | 63 | S1 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 06:40 |
| S3 | 20 | ((us\$3 near3 transmitter)) near3 (determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller") | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 06:56 |
| S4 | 0 | ((determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 (location or point of target or spot) near ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller")) with transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:00 |
| S5 | 0 | ((determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 (location or point of target or spot) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller")) with transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:00 |
| S6 | 222 | ((determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 (location or point of target or spot) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller")) same transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:01 |
| S7 | 31 | ((determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 (location or point of target or spot) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller")) near3 transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:52 |

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| S8 | 31 | ((determin\$4 or find\$4 or calculat\$4 or geolocat\$4 or locat\$4) near3 (location or point of target or spot) near3 ("cellular phone" or phone or telephone or "cell phone" or "mobile terminal" or "emergency caller")) near3 transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:24 |
| S9 | 4 | ("4555707" "4652884" "5510801" "6433740").PN. OR ("6806830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 07:44 |
| S10 | 0 | ((determin\$4 or find\$4) near emergency) same (urban) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:54 |
| S11 | 9 | ((determin\$4 or find\$4) near3 emergency) same (urban) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/26 07:56 |
| S12 | 4 | ("4555707" "4652884" "5510801" "6433740").PN. OR ("6806830").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 07:58 |
| S13 | 22 | ("3646580" "3680121" "3848254" "3886554" "4651156" "4675614" "4812852" "5045861" "5173710" "5293642" "5293645" "5317323" "5327144").PN. OR ("6433740").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 07:58 |
| S14 | 10 | ("4021807" "5227803" "5280295" "5504477" "5552772" "5568119" "5936572" "6181253" "6433740" "6577273").PN. OR ("6762721").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 08:25 |
| S15 | 6 | S14 and "low frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:22 |
| S16 | 23 | geolocat\$ same urban | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 08:43 |
| S17 | 3066 | locat\$3 same urban | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 08:43 |
| S18 | 173 | S17 and "low frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 08:44 |
| S19 | 42 | S18 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:22 |

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| S20 | 65 | ("4468656" "4633231" "4706689" "4791572" "5153584" "5157378" "5173710" "5218344" "5293318").PN. OR ("5552772").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:06 |
| S21 | 10 | ("4021807" "5227803" "5280295" "5504477" "5552772" "5568119" "5936572" "6181253" "6433740" "6577273").PN. OR ("6762721").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:09 |
| S22 | 38 | ("3715758" "3757340" "3886554" "3889264" "4054880" "4169245" "4555707" "4651156" "4665404" "4701760" "4799062" "4916455" "5045861").PN. OR ("5280295").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:10 |
| S23 | 59 | ("3774215" "4506228" "5173710" "5280295" "5311195" "5323163" "5355526" "5365450" "5406490" "5422813" "5499032" "5510801" "5552772").PN. OR ("5774829").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:20 |
| S24 | 11 | wavelength with (location near determination) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:22 |
| S25 | 7896 | wavelength with location | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:22 |
| S26 | 121 | S25 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 10:52 |
| S27 | 11 | S26 and "low frequency" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:47 |
| S28 | 187 | duffett.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:49 |
| S29 | 0 | duffett-smith.in. and "911" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:26 |
| S30 | 13 | duffett-smith.in. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/27 11:11 |
| S31 | 0 | S30 and "911" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:50 |

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| S32 | 2 | S30 and emergency | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:50 |
| S33 | 5 | ("6266534" "6298233" "6466797" "6587686" "6611688").PN. OR ("6937866"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:54 |
| S34 | 1 | "6421009".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:55 |
| S35 | 1 | S34 and phase | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:56 |
| S36 | 21 | ("5223844" "5327144" "5428667" "5519760" "5542100" "5546445" "5555286" "5559864" "5659596" "5742666" "5844522" "6040800").PN. OR ("6421009").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 09:58 |
| S37 | 21 | ("5223844" "5327144" "5428667" "5519760" "5542100" "5546445" "5555286" "5559864" "5659596" "5742666" "5844522" "6040800").PN. OR ("6421009").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 10:48 |
| S38 | 714 | ((determin\$4 or calculat\$4) near3 (location or point or spot)) with (frequency with phase) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:01 |
| S39 | 183 | S38 and "342"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 10:53 |
| S40 | 123 | S39 and channel | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 10:53 |
| S41 | 31 | S39 and "dedicated channel" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 10:54 |
| S42 | 0 | (using near3 (frequency with phase)) near3 (determin\$4 or calculat\$4) near3 (location or point or spot) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:08 |
| S43 | 5 | (using near3 (frequency with phase)) near3 (determin\$4 or calculat\$4) same (location or point or spot) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:06 |
| S44 | 704 | 455/404.1,404.2.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:46 |

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| S45 | 77 | (using near3 (frequency with phase)) near3 (determin\$4 or calculat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:08 |
| S46 | 0 | S44 and S45 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:08 |
| S47 | 4651 | (frequency with phase) near3 (determin\$4 or calculat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:09 |
| S48 | 1 | S44 and S47 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:09 |
| S49 | 11 | ("5327144" "5425076" "5613217" "5873040" "5959580" "5970413" "6047192").PN. OR ("6424837").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:12 |
| S50 | 0 | duffett-smith.in. and "911" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:26 |
| S51 | 0 | duffett-smith.in. with phase | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:27 |
| S52 | 65290 | (phase or time) near information | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:41 |
| S53 | 15101 | S52 and transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:41 |
| S54 | 6 | receiving near3(phase or time) near2 information near transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:44 |
| S55 | 88 | ((receiv\$4 or obtain\$3 or acquire\$3) near3 (phase or time)) near2 information near transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:45 |
| S56 | 145 | ((receiv\$4 or obtain\$3 or acquire\$3) near3 (phase or time)) near2 information near2 transmitter | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:45 |
| S57 | 1 | 455/404.1,404.2.ccls. and S56 | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:46 |

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| S58 | 43 | ("3864522" "3925763" "4004577" "4141006" "4176254" "4237344" "4463357" "4649385" "4878236" "4931780" "4979206" "5012507" "5021794" "5045861" "5055851" "5077788" "5091930" "5095531" "5109399" "5161180" "5164979" "5173710" "5218367" "5270708" "5305370" "5311569" "5334974" "5347567" "5355140" "5388147" "5414629" "5486822" "5515285" "5537460").PN. OR ("5960337").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 11:48 |
| S59 | 44 | ("3715758" "3757340" "3886554" "3889264" "4054880" "4169245" "4555707" "4651156" "4665404" "4701760" "4799062" "4916455" "5045861").PN. OR ("5173710"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 13:12 |
| S60 | 1 | "6762721".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 13:12 |
| S61 | 10 | ("4021807" "5227803" "5280295" "5504477" "5552772" "5568119" "5936572" "6181253" "6433740" "6577273").PN. OR ("6762721"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/26 13:27 |
| S62 | 5 | locat\$4 with emergency with "urban environment" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 11:14 |
| S63 | 46 | locat\$4 with emergency with triangulation | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 10:54 |
| S64 | 17 | transmitter with beacon with triangulation | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/27 11:12 |
| S65 | 12388 | locat\$4 with emergency | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 11:15 |
| S66 | 779 | S65 and beacon | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:42 |

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| S67 | 203 | S66 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:28 |
| S68 | 54 | S67 and triangulation | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 12:08 |
| S69 | 360 | AM near station | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 12:48 |
| S70 | 16 | S69 and calibration | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:44 |
| S71 | 18 | S69 and urban | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 12:11 |
| S72 | 28 | ("5375161" "5515419" "5519760" "5546445" "5570412" "5586167" "5600706").PN. OR ("6055434").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/27 12:14 |
| S73 | 89 | S69 and synchroniz\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 13:02 |
| S74 | 11 | S73 and wavelength | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 13:04 |
| S75 | 685 | S65 and calibration | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:44 |
| S76 | 284 | S75 and synchroniz\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:43 |
| S77 | 63 | S76 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 17:28 |
| S78 | 30 | S77 and wavelength | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 13:33 |

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| S79 | 1 | "6577273".pn. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 13:34 |
| S80 | 11 | ("4001828" "4021807" "4072950" "4528567" "4665404" "4978963" "5056106" "5379047" "5530452" "6414673").PN. OR ("6577273"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/09/27 13:34 |
| S81 | 119 | S65 and (atomic with clock) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:43 |
| S82 | 80 | S81 and synchroniz\$4 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 17:27 |
| S83 | 36 | S82 and calibration | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 17:28 |
| S84 | 0 | S69 and S83 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:44 |
| S85 | 29 | S83 and (low with frequency) | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 15:48 |
| S86 | 223 | GPS with synchroniz\$4 with transmitter | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 17:28 |
| S87 | 32 | S86 and calibration | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:24 |
| S88 | 918 | Maximum near Likelihood near Method | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:25 |
| S89 | 2 | pair-wise near phase near difference | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:27 |
| S90 | 1 | S88 and S89 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:26 |

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| S91 | 1 | pair-wise and S78 | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 19:27 |
| S92 | 29 | S88 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:24 |
| S93 | 589 | transmit with "beacon signals" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:25 |
| S94 | 242 | S93 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:26 |
| S95 | 168 | transmitter near3 "beacon signals" | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:26 |
| S96 | 74 | S95 and "455"/\$.ccls. | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:31 |
| S97 | 1 | "6163696".PN. | USPAT; USOCR | OR | ON | 2005/09/27 20:31 |
| S98 | 50 | S96 and location | US-PGPUB; USPAT; USOCR; JPO | OR | ON | 2005/09/27 20:50 |
| S99 | 1938075 | pair-wise phase | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/09/27 20:50 |
| S10 0 | 4 | "pair-wise phase" | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/09/27 20:50 |
| S10 1 | 3 | "pair-wise phase" and location | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/09/27 20:52 |
| S10 2 | 5 | "pair-wise" near phase | US-PGPUB; USPAT; USOCR; JPO; DERWENT | OR | ON | 2005/09/27 20:53 |